

December 28, 2004

Mr. George Vanderheyden, Vice President  
Calvert Cliffs Nuclear Power Plant, Inc.  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2  
(CCNPP 1 AND 2) - REQUEST FOR ADDITIONAL INFORMATION RE:  
BULLETIN 2004-01(TAC NOS. MC3466 AND MC3467)

Dear Mr. Vanderheyden:

In reviewing your response dated July 27, 2004, to Nuclear Regulatory Commission (NRC) Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors," the NRC staff has determined that additional information contained in the enclosure to this letter is needed to complete its review. The NRC staff discussed the issue with your staff on December 21, 2004. As agreed to by your staff, we request you respond within 30 days of the date of this letter.

If you have any questions, please contact me at 301-415-1030.

Sincerely,

**/RA/**

Richard V. Guzman, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

Enclosure: As stated

cc w/encl: See next page

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DATE	12/27/04	12/27/04	12/28/04	12/28/04

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REQUEST FOR ADDITIONAL INFORMATION REGARDING  
BULLETIN 2004-01, "INSPECTION OF ALLOY 82/182/600 MATERIALS USED IN THE  
FABRICATION OF PRESSURIZER PENETRATIONS AND STEAM SPACE PIPING  
CONNECTIONS AT PRESSURIZED-WATER REACTORS,"  
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-317 AND 50-318

1. Your response to Bulletin 2004-01 Question (1)(c) did not clearly communicate your intentions with respect to establishing a voluntary dialogue with Nuclear Regulatory Commission (NRC) technical staff in the event that circumferential primary water stress corrosion cracking (PWSCC) is identified at any locations covered under the scope of Bulletin 2004-01. The NRC staff addressed this issue, in part, on page 5 of Bulletin 2004-01 stating, "... the NRC staff believes that the topic of NDE [nondestructive examination] scope expansion should be discussed with the NRC if circumferential PWSCC is observed in either the pressure boundary or non-pressure boundary portions of any locations covered under the scope of this bulletin to ensure that the licensee has performed an adequate extent-of-condition evaluation."

Please clarify your intentions in this regard. You may wish to consider that other similarly situated licensees have included a statement in their bulletin response like the following:

"If circumferential cracking is observed in either the pressure boundary or non-pressure boundary portions of any locations covered under the scope of this bulletin, [we] will develop plans to perform an adequate extent-of-condition evaluation and [we] will discuss those plans with cognizant NRC technical staff prior to restarting the affected unit."

2. In reference to Bulletin 2004-01 Question 1(b), for all circumferential flaw indications in your pressurizer heater sleeves that have been identified through NDE testing, provide the following additional information:
  - a. Describe the flaw configuration by stating whether it was a through-wall (TW) flaw, an inner diameter (ID) originated surface flaw or an outer diameter (OD) originated surface flaw. Provide the length for the TW flaw and the length and depth for the ID and OD originated surface flaws.
  - b. Specify the flaw location in the axial direction (the distance and direction with respect to the J-groove weld) and the circumferential direction (the distance in degrees between the crack center and the lowest downhill location).

Enclosure

Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2

cc:

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